

Abstract

The invention relates to a disposable absorbent sanitary product for absorbing bodily fluids, such as diapers, incontinence pads, sanitary towels or panty liners. The product comprises a top sheet, at least sections of which are permeable to liquid, a bottom sheet, at least sections of which are liquid-tight and an absorbent body that is situated between the top sheet and the bottom sheet. According to the invention, the absorbent body comprises a first storage layer (20, 26, 30) for permanently storing bodily fluids, the layer containing 5-30 wt. % hydrophilic melt-blown microfibers (22), 70 - 95 wt. % particulate super-absorbent material (24) and optionally a maximum 10 wt. % particulate or fibrous component. The surface density of the melt-blown microfibers (22) is 625 g/m² and the mcirofibers (22) are interconnected, in a manner having strength when wet, by a plurality of melt bonds, wherein the melt-blown microfibers (22) form a dense, three-dimensional network that surrounds and immobilises the particulate super-absorbent material (24). Very few or no melt bonds are provided between the melt-blown microfibers (22) and the particulate super-absorbent material (24), such that the storage layer (20, 26, 28) has a wet-strength of at least 40 % of the dry strength, as measured in the machine direction.